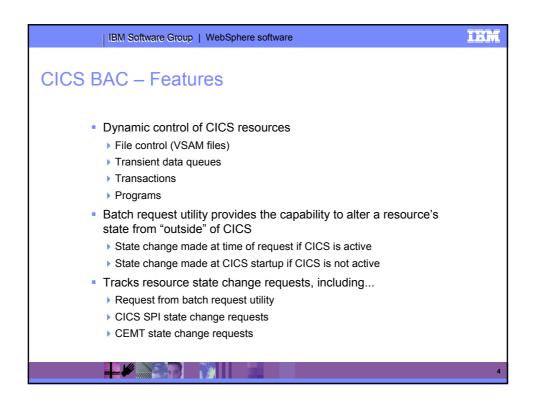


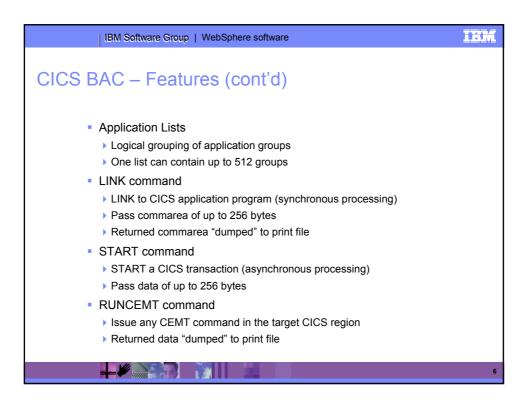
CICS Batch Application Control for z/OS – Version 1.1 New IBM tool to improve CICS availability Announced November 4, 2004 Generally available November 26, 2004 What does it do? Provides the ability to change the state of a CICS resource from a batch job step Tracks CICS resource state change requests across CICS regions and batch jobs Ensures CICS resources are set to their correct state when the CICS region is started

CICS Batch Application Control for z/OS – Version 1.1 • Why does a customer want it? • Reduces the likelihood of errors, abends, and unavailable resources in batch job processing • Improves CICS availability • Reduces the amount of operator intervention required for normal batch processing

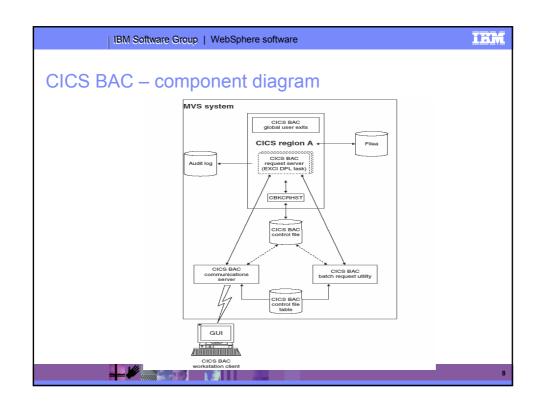


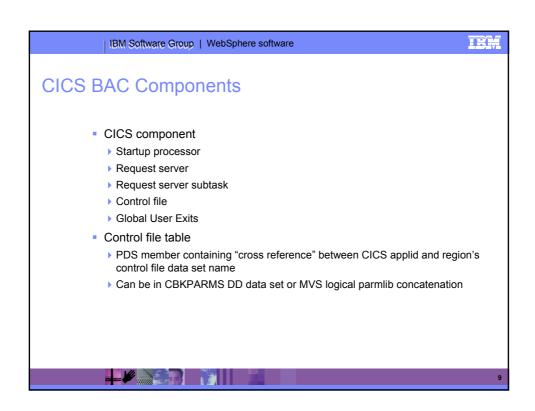
TEM | IBM Software Group | WebSphere software CICS BAC – Features (cont'd) Ensures CICS resources are set to their last requested state at CICS region startup Depending on type of region startup ▶ Before CICS applications begin processing Administration functions provided by a Windows-based GUI > Set/maintain CICS BAC region properties ▶ Define resources to be processed by CICS BAC Associate programs/transactions with files or TDQueues Programs/transactions enabled after file or TDQueue opened > Programs/transactions disabled before file or TDQueue closed ▶ Up to 512 of each can be specified with a file or TDQueue Application groups ▶ Logical grouping of files, TDQueues, programs, and/or transactions

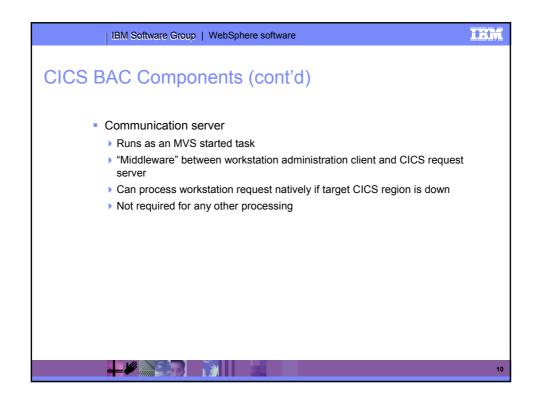
▶ Group processed as a single entity with a single command

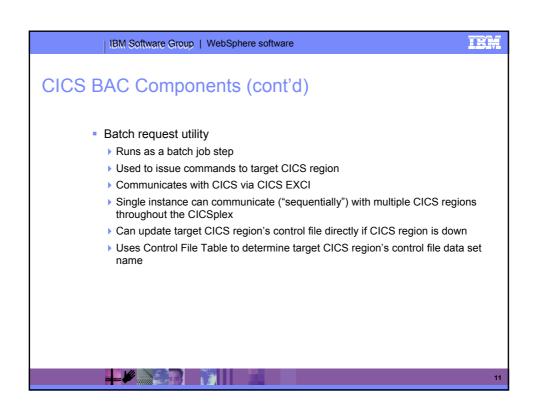


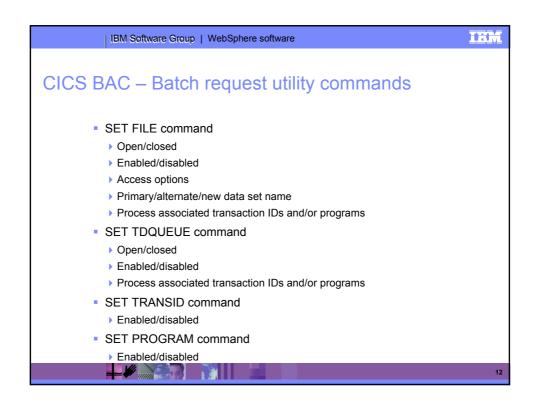
TEM | IBM Software Group | WebSphere software CICS BAC - Features (cont'd) Simple command language ▶ Similar to CICS SPI/API commands Audit log > SYSPRINT or data set ▶ Batch request utility commands and CICS SPI requests ▶ Logging done whether CICS is up or down Undefined object processing Resource does not have to be previously defined to CICS BAC in order to issue commands against it or track it's state changes CICS EXCI used to communicate between batch request utility or communication server and CICS region Batch request utility can command server can ship requests to any CICS region in the CICSplex. Sample migration utility



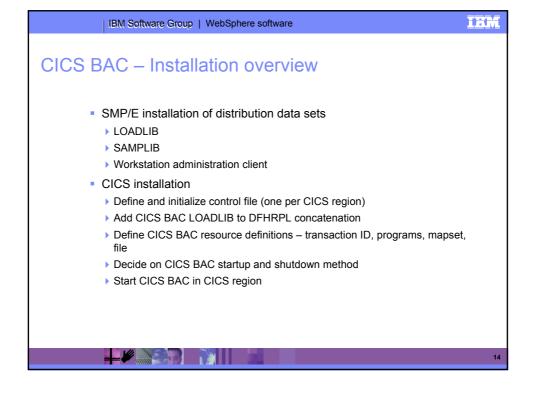








CICS BAC – Batch request utility commands (cont'd) SET GROUP/LIST command Open/closed Enabled/disabled Primary/alternate DSN DEFAULT commands Sets various default values to be used until subsequent DEFAULT command is encountered Default values can be overridden on a single command LINK/START/RUNCEMT



CICS BAC — Installation overview (cont'd) Create communication server started task JCL APF-authorize LOADLIB is workstation request security check is to be performed SDFHEXCI data set must be available Start communication server FTP workstation administration client setup.exe file to workstation and install it "Typical" InstallShield installation Create CICS region folder, region properties, and default values/definitions Define objects as necessary Upload region folder contents to CICS region control file

